

EAST 6/3/04

L Number	Hits	Search Text	DB	Time stamp
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1	148	<p> ("6029777" "6083142" "6390952" "5217092" "5873613" "6378650" "6186276" "6622354" "6092773" "6192558" "5484132" "5345635" "5940943" "6068226" "6378153" "4538704" "5544723" "6015127" "6561313" "5919117" "6231482" "5397029" "5184488" "4297321" "5244864" "5899289" "6283248" "6336260" "6308345" "4059871" "4787474" "5896628" "5901420" "6142766" "4833442" "5779205" "5769362" "4305614" "4375200" "4519269" "4950845" "5018032" "5345947" "5992191" "6032777" "6123183" "6132332" "6375139" D413786 "5660237").pn. ("4921069" "4765574" "5864928" "6109908" "5848455" "4251061" "4537555" "5012560" "5193253" "5333886" "5597052" "5624046" "5884373" "5931112" "6079576" "6179239" "5199614" "5249851" </p>	USPAT; US-PGPUB	2004/06/03 08:53
Search History 6/3/04 9:07:09 AM Page 2 C:\APPS\east\workspaces\5821434\4934688.wsp "5183435"				

2	21	<p>(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) and ((("6029777" "6083142" "6390952" "5217092" "5873613" "6378650" "6186276" "6622354" "6092773" "6192558" "5484132" "5345635" "5940943" "6068226" "6378153" "4538704" "5544723" "6015127" "6561313" "5919117" "6231482" "5397029" "5184488" "4297321" "5244864" "5899289" "6283248" "6336260" "6308345" "4059871" "4787474" "5896628" "5901420" "6142766" "4833442" "5779205" "5769362" "4305614" "4375200" "4519269" "4950845" "5018032" "5345947" "5992191" "6032777" "6123183" "6132332" "6375139" D413786 "5660237").pn. ("4921069" "4765574" "5864928" "6109908" "5848455" "4251061" "4537555" "5012560" "5193253" "5333886" "5597052" "5624046" "5884373" "5931112" "6079576" "6179239"</p>	USPAT	2004/06/03 09:05
Search History	6/3/04 9:07:00 AM	Page 3		

3	19336	(182/\$.ccls. or 188/65.1-65.5.ccls.)	USPAT; US-PGPUB	2004/06/03 09:02
4	1312	(188/65.1-65.5.ccls. or 182/5,192-193.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 09:04
5	19	((188/65.1-65.5.ccls. or 182/5,192-193.ccls.)) and panic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 09:04
6	2	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) and (((188/65.1-65.5.ccls. or 182/5,192-193.ccls.)) and panic) 182/\$.ccls. or 188/65.1-65.5.ccls.	USPAT	2004/06/03 09:05
-	19332	(182/\$.ccls. or 188/65.1-65.5.ccls.) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with rope	USPAT; US-PGPUB	2004/06/03 06:02
-	24	(182/\$.ccls. or 188/65.1-65.5.ccls.) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4)	USPAT; US-PGPUB	2004/06/03 09:02
-	24	(182/\$.ccls. or 188/65.1-65.5.ccls.) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4)	USPAT; US-PGPUB	2004/06/02 13:52
-	0	(182/\$.ccls. or 188/65.1-65.5.ccls.) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4) same overrid\$5	USPAT; US-PGPUB	2004/06/02 13:48
-	0	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4) same overrid\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 05:58
-	22	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4) same safety	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 09:00
-	22	(US-6561313-\$ or US-6425463-\$ or US-5947229-\$ or US-5601154-\$ or US-5577576-\$ or US-5544723-\$ or US-5360083-\$ or US-5076400-\$ or US-5056170-\$ or US-4729454-\$).did. or (US-20030034203-\$).did. or (WO-2079069-\$ or FR-2706314-\$).did. or (JP-04169656-\$).did. or (FR-2805577-\$ or DE-19626429-\$ or EP-688581-\$ or EP-398819-\$ or DE-3843917-\$ or GB-2191549-\$ or FR-2481331-\$ or FR-2359064-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/02 13:52
-	2	((US-6561313-\$ or US-6425463-\$ or US-5947229-\$ or US-5601154-\$ or US-5577576-\$ or US-5544723-\$ or US-5360083-\$ or US-5076400-\$ or US-5056170-\$ or US-4729454-\$).did. or (US-20030034203-\$).did. or (WO-2079069-\$ or FR-2706314-\$).did. or (JP-04169656-\$).did. or (FR-2805577-\$ or DE-19626429-\$ or EP-688581-\$ or EP-398819-\$ or DE-3843917-\$ or GB-2191549-\$ or FR-2481331-\$ or FR-2359064-\$).did.) not ((182/\$.ccls. or 188/65.1-65.5.ccls.) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4))	USPAT; US-PGPUB	2004/06/02 13:52
-	0	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$4) same overrid\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 05:59
-	1	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$4) and panic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:00
-	0	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$4) and override	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:01
-	1	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$4) and pressure adj sensitive	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:03

-	19336	182/\$.ccls. or 188/65.1-65.5.cccls.	USPAT; US-PGPUB	2004/06/03 06:02
-	67	(182/\$.ccls. or 188/65.1-65.5.cccls.) and override	USPAT; US-PGPUB	2004/06/03 06:02
-	78	petzl.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:20
-	142	zedel.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:36
-	55	zedel.asn. and (safe or safety or override)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:09
-	149	(autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:10
-	6	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and zedel.asn. and (safe or safety or override)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:43
-	209	petzl.asn. or zedel.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:20
-	0	(petzl.asn. or zedel.asn.) and panic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:20
-	0	(petzl.asn. or zedel.asn.) and antipanic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:20
-	0	(182/\$.ccls. or 188/65.1-65.5.cccls.) and anti adj panic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 06:21
-	0	(182/\$.ccls. or 188/65.1-65.5.cccls.) and antipanic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:34
-	0	(182/\$.ccls. or 188/65.1-65.5.cccls.) and rope with quickly adj pass	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:34
-	0	zedel.asn. and different adj pressure	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:36
-	0	zedel.asn. and spring and axle and lever	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:37
-	0	zedel.asn. and spring and lever and force with isolation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:37
-	0	zedel.asn. and spring and lever and isolation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:37
-	9	zedel.asn. and spring and lever and rope with lock\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:40

	0	belayer with panic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:40
	0	belayer with antipanic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:40
	21	(panic or antipanic) with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:42
	33	pressure adj sensitive with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:43
	0	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and pressure adj sensitive with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:45
	382	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) andj sensitive with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:45
	0	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and sensitive with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:45
	49	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (pressure or load) with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:56
	23	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) same (pressure or load) with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:57
	4	(((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) same (pressure or load) with rope) not (((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) with (pressure or load) with rope)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:57
	19	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) with (pressure or load) with rope	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 07:59
	4	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (188/65.1-65.5.cc1s. or 182/5,192-193.cc1s.) and danger	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:02
	21	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (188/65.1-65.5.cc1s. or 182/5,192-193.cc1s.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:09
	12	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (188/65.1-65.5.cc1s. or 182/5,192-193.cc1s.) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:10
	3	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (188/65.1-65.5.cc1s. or 182/5,192-193.cc1s.) and spring with (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 09:03

	21	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and spring with (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:14
	2	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and spring with (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (panic or emergency or abnormal or antipanic or proper adj fucntion\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:16
	3	((autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (rope or belay\$4 or rappel\$)) and (autolock\$4 or auto adj lock\$4 or selflock\$4 or self adj lock\$4 or selfjamming or self adj jamming or selfbraking or self adj braking) with (panic or emergency or abnormal or antipanic or proper adj fucntion\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/03 08:17

	148	("6029777" "6083142" "6390952" "5217092" "5873613" "6378650" "6186276" "6622354" "6092773" "6192558" "5484132" "5345635" "5940943" "6068226" "6378153" "4538704" "5544723" "6015127" "6561313" "5919117" "6231482" "5397029" "5184488" "4297321" "5244864" "5899289" "6283248" "6336260" "6308345" "4059871" "4787474" "5896628" "5901420" "6142766" "4833442" "5779205" "5769362" "4305614" "4375200" "4519269" "4950845" "5018032" "5345947" "5992191" "6032777" "6123183" "6132332" "6375139" D413786 "5660237").pn. ("4921069" "4765574" "5864928" "6109908" "5848455" "4251061" "4537555" "5012560" "5193253" "5333886" "5597052" "5624046" "5884373" "5931112" "6079576" "6179239" "5199614" "5249851"	USPAT; US-PGPUB	2004/06/03 08:53
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PLUS 6/3/04

Butler, Douglas

From: PLUS
Sent: Wednesday, June 02, 2004 2:12 PM
To: Butler, Douglas
Subject: PLUS Results for 10748858

Here are the PLUS search results for 10748858.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10748858_QUAL.txt



10748858_LIST.txt



10748858_WEST.txt



10748858_EAST.txt



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10748858_CLS.txt



10748858_CLSTITLES.t



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10748858_LIST

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PLUS Search Results for S/N 10748858, Searched June 02, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10748858_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10748858 on June 02, 2004

Original Classifications

4 182/5
4 248/231.9
4 482/37
3 24/421
2 7/116
2 24/132R
2 24/134R
2 24/287
2 182/193
2 188/65.4
2 360/251.3
2 396/413
2 474/117

Cross-Reference Classifications

7 182/5
5 188/65.1
4 182/193
4 248/925
3 24/136R
3 24/424
3 24/599.6
3 180/287
3 182/192
3 182/7
3 188/65.5
3 192/54.2
3 192/54.5
3 192/93A
2 24/115G
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2 360/251.4
2 360/74.2
2 403/1
2 474/135
2 482/51

Combined Classifications

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4 24/134R

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4 248/231.9
4 248/925
4 482/37
3 24/136R
3 24/424
3 24/599.6
3 182/192
3 188/65.2
3 188/65.4
3 192/54.5
3 192/93A
3 360/137
3 360/251.3
3 474/117
3 474/135
2 7/116
2 24/115G
2 24/115R
2 24/132R
2 24/132WL
2 24/287
2 24/419
2 24/429
2 70/226
2 70/259
2 114/344
2 166/377
2 166/385
2 180/247
2 192/114R
2 192/35
2 192/69.4
2 192/69.41
2 192/69.43
2 254/391
2 294/51
2 360/251.4
2 360/74.2
2 396/413
2 403/1
2 482/51

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Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10748858 on June 02, 2004

11 182/5 (4 OR, 7 XR)
Class 182 : FIRE ESCAPE, LADDER, OR SCAFFOLD
182/3 TORSO HARNESS
182/5 .Strand-engaging, with descent retarder

6 182/193 (2 OR, 4 XR)
Class 182 : FIRE ESCAPE, LADDER, OR SCAFFOLD
182/189 SINGLE STILE, STRAND OR POLE
182/190 .Flexible
182/191 ..With sliding carrier
182/193 ...Occupant-actuated brake

5 188/65.1 (0 OR, 5 XR)
Class 188 : BRAKES
188/65.1 STRAND

4 24/134R (2 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS
24/132R .Pivoted part
24/134R ..Cam lever

4 24/421 (3 OR, 1 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/381 ZIPPER OR REQUIRED COMPONENT THEREOF
24/415 .Slider having specific configuration,
construction, adaptation, or material
24/418 ..Including position locking-means attached
thereto
24/420 ...Having surface engaging element shifted by
reorientation of pull tab
24/421Resilient or spring biased element

4 180/287 (1 OR, 3 XR)
Class 180 : MOTOR VEHICLES
180/271 WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS
OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT
180/287 .By preventing unauthorized or unintended
access or use

4 182/7 (1 OR, 3 XR)
Class 182 : FIRE ESCAPE, LADDER, OR SCAFFOLD
182/3 TORSO HARNESS
182/5 .Strand-engaging, with descent retarder
182/7 ..With seat

4 188/65.5 (1 OR, 3 XR)
Class 188 : BRAKES
188/65.1 STRAND
188/65.4 .Tortuous grip
188/65.5 ..Adjustable

4 192/54.2 (1 OR, 3 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES

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192/54.1 .Torque responsive
192/54.2 ..Hub clutch

4 248/231.9 (4 OR, 0 XR)
Class 248 : SUPPORTS
248/200 BRACKETS
248/205.1 .Specially mounted or attached
248/231.9 ..In aperture of support

4 248/925 (0 OR, 4 XR)
Class 248 : SUPPORTS
248/925 MOUNTAIN CLIMBING AIDS (E.G., PITONS ETC.)

4 482/37 (4 OR, 0 XR)
Class 482 : EXERCISE DEVICES
482/23 GYMNASTIC
482/37 .Arm or hand type climbing arrangement

3 24/136R (0 OR, 3 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS
24/136R .Sliding part or wedge

3 24/424 (0 OR, 3 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/381 ZIPPER OR REQUIRED COMPONENT THEREOF
24/415 .Slider having specific configuration,
construction, adaptation, or material
24/418 ..Including position locking-means attached
thereto
24/420 ...Having surface engaging element shifted by
reorientation of pull tab
24/421Resilient or spring biased element
24/424Biased by distinct spring

3 24/599.6 (0 OR, 3 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/572.1 SEPARABLE-FASTENER OR REQUIRED COMPONENT
THEREOF (e.g., projection and cavity to complete i
nterlock)

24/591.1 .Including member having distinct formations
and mating member selectively interlocking therewith

24/598.1 ..Projection passes through cavity then moves
toward noninserted portion of its member to complete
interlock (e.g., snap hook)

24/598.4 ...Hook type projection member

24/598.7Noninserted portion of projection member
includes movably connected gate for closing access through

24/599.1Pivottally connected gate

24/599.4Having means biasing gate about pivot

24/599.6Includes distinct biasing spring

3 182/192 (0 OR, 3 XR)
Class 182 : FIRE ESCAPE, LADDER, OR SCAFFOLD
182/189 SINGLE STILE, STRAND OR POLE

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182/190 .Flexible
182/191 ..With sliding carrier
182/192 ...Load-responsive brake

3 188/65.2 (1 OR, 2 XR)
Class 188 : BRAKES
188/65.1 STRAND
188/65.2 .With attaching means

3 188/65.4 (2 OR, 1 XR)
Class 188 : BRAKES
188/65.1 STRAND
188/65.4 .Tortuous grip

3 192/54.5 (0 OR, 3 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/54.1 .Torque responsive
192/54.5 ..Cam operated

3 192/93A (0 OR, 3 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/82R .Operators
192/93R ..Cam
192/93A ...Axially thrusting cams rotatable about
clutch axis

3 360/137 (1 OR, 2 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/137 MISCELLANEOUS

3 360/251.3 (2 OR, 1 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/240 HEAD MOUNTING
360/250 .For moving head into/out of transducing
position
360/251.1 ..Tape record having linear head retraction
movement
360/251.3 ...Cam type

3 474/117 (2 OR, 1 XR)
Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR
COMPONENTS
474/101 MEANS FOR ADJUSTING BELT TENSION OR FOR
SHIFTING BELT, PULLEY OR GUIDE ROLL
474/113 .Pulley shifter
474/117 ..Spring biased in belt-tensioning direction

3 474/135 (1 OR, 2 XR)
Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR
COMPONENTS
474/101 MEANS FOR ADJUSTING BELT TENSION OR FOR
SHIFTING BELT, PULLEY OR GUIDE ROLL
474/133 .Guide roll mounted for movement of its axis
along arcuate path to tension belt
474/135 ..Guide roll spring biased in belt-tensioning

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direction

2 7/116 (2 OR, 0 XR)
Class 007 : COMPOUND TOOLS
7/114 WEEDING, GARDENING, OR LIGHT AGRICULTURAL OR
EARTHWORKING USE
7/116 .Spade or shovel

2 24/115G (0 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS
24/115G .Alignable aperture and spring pressed moving
element

2 24/115R (0 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS

2 24/132R (2 OR, 0 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS
24/132R .Pivoted part

2 24/132WL (0 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/115R CORD AND ROPE HOLDERS
24/132R .Pivoted part
24/132WL ..Jaws locked together by cam, wedge, lever, or
screw

2 24/287 (2 OR, 0 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/287 FREIGHT CONTAINER TO FREIGHT CONTAINER FASTENER

2 24/419 (0 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/381 ZIPPER OR REQUIRED COMPONENT THEREOF
24/415 .Slider having specific configuration,
construction, adaptation, or material
24/418 ..Including position locking-means attached
thereto
24/419 ...Protrusion on pull tab directly engaging
interlocking surfaces

2 24/429 (0 OR, 2 XR)
Class 024 : BUCKLES, BUTTONS, CLASPS, ETC.
24/381 ZIPPER OR REQUIRED COMPONENT THEREOF
24/415 .Slider having specific configuration,
construction, adaptation, or material
24/429 ..Including pull tab attaching means

2 70/226 (0 OR, 2 XR)
Class 070 : LOCKS
70/57 SPECIAL APPLICATION
70/174 .For control and machine elements
70/225 ..Wheel
70/226 ...Rotation blocking

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2 70/259 (0 OR, 2 XR)
Class 070 : LOCKS
70/57 SPECIAL APPLICATION
70/237 .For automotive vehicles
70/258 ..Accessories
70/259 ...Spare or mounted wheel or tire

2 114/344 (1 OR, 1 XR)
Class 114 : SHIPS
114/343 BOATS, BOAT COMPONENT OR ATTACHMENT
114/344 .With wheeled buoyant landing or launching aid

2 166/377 (1 OR, 1 XR)
Class 166 : WELLS
166/244.1 PROCESSES
166/377 .Disassembling well part

2 166/385 (0 OR, 2 XR)
Class 166 : WELLS
166/244.1 PROCESSES
166/381 .Placing or shifting well part
166/385 ..Flexible cable or wire

2 180/247 (1 OR, 1 XR)
Class 180 : MOTOR VEHICLES
180/233 HAVING FOUR WHEELS DRIVEN
180/247 .With manually operated means for disengaging
drive to one or more, but fewer than all, of the four
wheels

2 192/114R (0 OR, 2 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/114R .Locks

2 192/35 (1 OR, 1 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/31 .Automatic
192/32 ..Manual control
192/35 ...Pilot mechanism

2 192/69.4 (0 OR, 2 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/66.1 .Axially engaging
192/69 ..Positive
192/69.4 ...Wheel hub clutched to axle

2 192/69.41 (1 OR, 1 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/66.1 .Axially engaging
192/69 ..Positive
192/69.4 ...Wheel hub clutched to axle
192/69.41Fluid pressure

2 192/69.43 (1 OR, 1 XR)

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Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/66.1 .Axially engaging
192/69 ..Positive
192/69.4 ...Wheel hub clutched to axle
192/69.43Manual

2 254/391 (1 OR, 1 XR)
Class 254 : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING
OR PULLING FORCE
254/389 DEVICE OR MEMBER FOR CONTACTING AND GUIDING
MOVING CABLE
254/390 .Including rotatable, cable contacting, pulley
wheel element
254/391 ..With mechanism for retarding or preventing
cable movement or element rotation

2 294/51 (0 OR, 2 XR)
Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
294/49 HAND FORKS AND SHOVELS
294/51 .Convertible and combined

2 360/251.4 (0 OR, 2 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/240 HEAD MOUNTING
360/250 .For moving head into/out of transducing
position
360/251.1 ..Tape record having linear head retraction
movement
360/251.4 ...Solenoid type

2 360/74.2 (0 OR, 2 XR)
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
360/71 .Controlling the record
360/74.1 ..Stopping or reversing
360/74.2 ...Responsive to reel rotation

2 396/413 (2 OR, 0 XR)
Class 396 : PHOTOGRAPHY
396/387 WITH FILM DRIVE
396/411 .Mechanical detail
396/413 ..Rewind

2 403/1 (0 OR, 2 XR)
Class 403 : JOINTS AND CONNECTIONS
403/1 SELECTIVELY ENGAGEABLE HUB TO SHAFT CONNECTION

2 482/51 (0 OR, 2 XR)
Class 482 : EXERCISE DEVICES
482/51 INVOLVING USER TRANSLATION OR PHYSICAL
SIMULATION THEREOF